

# BLUERAY XL

## 7-in-1 Mineral Purifier and Oxidation Catalyst

Flocculant | Oxidation Catalyst | Phosphate Neutralizer | pH Stabilizer | Ligning Neutralizer | Water Polisher | (COD) Reducer



CA Registration No. 90376-50001-AA

## How it Works

Blueray XL - The Real Mineral Purifier™

With **UnLock Your Pool™** Technology

Blueray XL is the ultimate Mineral Purifier™ UPGRADE. Blueray XL, it works BETTER.

Blueray XL is the innovator of the new Unlock Your Pool™ technology that is revolutionizing the pool & hot tub industry by eliminating specialty-product overkill and dramatically saving money and effort through a sustained increase in overall chemical effectiveness.

Blueray XL™ Mineral Purifier & Catalyst™ is in a class all by itself, it is the only Copper, Silver & Zinc water modifier for pools & hot tubs in the market. Blueray XL™ has a proprietary blend of minerals, cleaning agents, chelating agents, and sequestrants. Blueray XL is designed to be used as a multi-purpose water modifier to reduce Chemical Oxygen Demand (COD).

Blueray XL will aid in: removing anionic compounds through flocculation in the water and increase the rate of chemical reaction of pool & hot tub oxidizing agents to burn off inanimate organic contamination with an unmatched effectiveness.

Blueray XL™ will Unlock Your Pool™ & hot tub's water balance to make your chemicals more productive and last longer. Ideal for "GREEN to CLEAR" treatments, cleans up dead algae, pollen and other forms of non-living organic water contamination for six months.

**GUARANTEED TO WORK**

## The Rundown

Blueray XL Mineral Purifier & Catalyst™ Simplifies Pool Maintenance to Reduce Cost & Effort up to 50%. Blueray XL enhances and conditions the water while constantly combining with suspended inanimate organic particulates for easy removal by the filtration system. Blueray XL neutralizes the negative effects lignin and phosphates have on water quality, eliminates the need for phosphate removers, enzyme cleaners, chemical clarifiers & harsh flocculants while catalyzing oxidation and stabilizing pH.

Blueray XL™ Mineral Purifier™ and Catalyst™ is a 7-in-1 product that will keep working for up to six-months.

- Flocculant
- Oxidation Catalyst
- Phosphate Neutralizer
- pH Stabilizer
- Lignin Neutralizer
- Water Polisher
- (COD) Reducer

Shelve life: 5+ years

BLUERAY XL™ XL-Units come with a specially treated Ionizer cylinder and a mineral formulation of Copper, Silver & Zinc. Minerals dissolve in the water and are re-ionized by the cylinder. Blueray XL-Boosters are used to replenish the minerals at the six-month mark and for larger pools. Installation is easy; just add Ionizer cylinder to pump or skimmer basket and add minerals to pump or skimmer basket and turn on your filtration system to dissolve the minerals into the pool or hot tub/Spa. Blueray XL is Saltwater compatible, designed for any pool finish, includes stain inhibitors and it is pre-measured for specific size pools and hot tubs/spas.

### *NORMAL POOL CHEMISTRY REQUIRED:*

- Available Chlorine: .....1.0 - 3.0 ppm
- Total Hardness:.....100 - 400 ppm
- Alkalinity.....80 - 120 ppm
- Conditioner.....30 - 90 ppm
- TDS level below.....1500 ppm (for proper mineral activation)
- pH.....7.2 - 7.8

### *NOT REQUIRED:*

- Phosphate Removers
- Enzyme Cleaners
- Flocculants
- Mineral Clarifiers
- Chemical or Natural Clarifiers
- Copper/Silver-Based Cleaners
- Stain & Scale Preventers
- Bromine, Bromide Chemical or Biguanides
- pH stabilizers
- Catalysts

### *COMPATIBILITY:*

- Ideal for "GREEN to CLEAR" treatments to clean up dead algae, pollen and other inanimate contaminants.
- Do Not use Blueray XL™ Mineral Purifier & Catalyst™ with bromine, bromide chemicals or Biguanides, foaming might occur.
- Do Not add other chemicals in skimmer while minerals are dissolving (1-3 hours).
- Compatible with DuPont™ Oxone® (Potassium Monopersulfate)
- If Bio-Active Cyanuric Acid reducer is used, add Bio-Active within 3 weeks prior to the next Blueray XL treatment. Blueray XL is so effective that it will trap, neutralize and remove the enzymes used in Bio-Active Cyanuric Acid Reducer before they have a chance to work if Blueray is newly added and strong in the water.

### *SIZING:*

To find the right product for your specific Pool or Hut Tub/Spa Size please see the **Dosage Chart and Intervals** graph below.

## **The Minerals**

OUR MINERAL FORMULA is comprised of our proprietary anti-staining compound and perfectly sequestered mineral salts of silver, copper, and zinc, formulated specifically to constantly combine (flocculation/coagulation) with suspended inanimate organic particulates and other inanimate contaminants, trapping them into pool filter and maintaining pool water crystal clear.

MINERALS ARE NOT BROKEN DOWN by sunlight or heat. Loss happens through backwashing, splash out or water leaks in the system.

## **The Cylinder**

BLUERAY XL's New proprietary solid copper and 99.9% silver coated alloy cylinder technology is able to re-Ionize (re-activate) minerals every time they pass through the cylinder. Blueray XL's cylinder continuously re-activates (helps re-flocculate particles via ionic transfer) minerals in pool water for up to 12 months.

BLUERAY XL IS A DUAL action technology. The alloy cylinder recharges Blueray XL minerals that have dissolved into the pool, therefore Metal cylinder has to always be in the direct flow of the pool water for 100% efficiency of minerals. Efficiency is reduced to about 40% without Blueray XL metal cylinder unit in direct flow of water in pool filtration system.

NO POD means better ionization since pods get easily clogged with debris and foliage and prevent water to flow through ionizer cylinder. This reduces the overall efficiency by preventing the minerals in water from being recharged via ion-exchange with the ionizer.

## **Maintenance**

ALTHOUGH POOL MAINTENANCE workload is greatly reduced by using Blueray XL, pool still needs competent weekly cleaning, water balancing, scheduled filter cleaning, and backwashing.



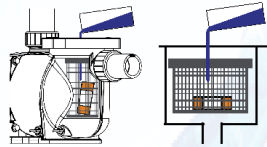
## MINERAL PURIFIER & CATALYST™ FOR POOLS & HOT TUBS

Flocculant | Oxidation Catalyst | Phosphate Neutralizer | pH Stabilizer  
Lignin Neutralizer | Water Polisher | (COD) Reducer

Simplifies Maintenance to Reduce Costs & Effort up to 50%

### Easy Installation

Pump Basket or Skimmer Basket



- Salt water compatible
- For any pool finish
- With stain inhibitors
- Pre-measured.



#### NORMAL POOL CHEMISTRY REQUIRED

Available Chlorine	1.0 - 3.0 ppm	pH	7.2 - 7.8
Total Hardness	100 - 400 ppm	<b>Not Required</b> Phosphate Removers Enzyme Cleaners Chemical Clarifiers	
Alkalinity	80 - 120 ppm		
Conditioner	30 - 90 ppm		
TDS level below <i>(for proper mineral activation)</i>	1500 ppm		

COMPATIBLE with DuPont™ Oxone®

Do not use BlueRay XL with bromine, bromide chemicals or Biguanides, foaming might occur.

Do not add other chemicals in skimmer while minerals are dissolving (1-3 hours).

### DOSAGE CHART & INTERVALS

GALLONS	Start of Treatment					6 Month Mark					12 Month Mark: Restart Treatment	
	XL yellow	XL purple	XL green	XL blue	XL black	XL grey	XL yellow	XL purple	XL green	XL aqua		XL grey
100 - 400 Hot Tub	1						1					
400 - 1,100 Hot Tub		1						1				
3,500 - 10,000 AG*			1						1			
7,500 - 20,000				1						1		
11,000 - 20,000 HD*					1						1	
20,000 - 30,000					1						1	
30,000 - 60,000					1	1					2	
60,000 - 90,000					2	1					3	

AG\*Above Ground Pools

HD\*High Use/Dirt/Foliage Pools

BLUERAY XL is a Dual action technology. The Copper & 99.9% Silver coated alloy Unit cylinder recharges BLUERAY XL minerals that have dissolved into pool, therefore Unit cylinder has to always be in direct flow of the pool water for 100% efficiency. Efficiency is reduced to about 40% without BLUERAY XL Unit cylinder in pool system.

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